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FACSIMILE COVER SHEET

Examiner: Office of Initial Patent Examination
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Date: August 17, 2004

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Facsimile No.: 703-746-9195

From: Kraig K. Anderson, Ph.D. *KKA*

Subject: Request for Corrected Filing Receipt

Docket No.: 3646.1001-013

Applicants: James A. Shayman

Application No.: 10/824,708

Filing Date: April 15, 2004

Number of pages including this cover sheet: 6

Please confirm receipt of facsimile: Yes X No

Sir:

Attached please find a Request for Corrected Filing Receipt for Utility Application and related papers.

Respectfully submitted,


Kraig K. Anderson, Ph.D.

@PfDesktop:ODM\MHODMA\HBSR05\Manage_493361;1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James A. Shayman
Application No.: 10/824,708 Group: 1621
Filed: April 15, 2004 Examiner: Not yet assigned
Confirmation No.: 7244
For: AMINO CERAMIDE-LIKE COMPOUNDS AND
THERAPEUTIC METHODS OF USE

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
August 17 2004	
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REQUEST FOR CORRECTED FILING RECEIPT
FOR UTILITY APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We hereby request that the following items of information be corrected in the Filing Receipt for the subject application received in this office on June 30, 2004.

The errors and corrections appear below.

The title is incorrect on the Filing Receipt.

Enclosed are copies of the Filing Receipt with changes noted, and a copy of the first page of the Specification.

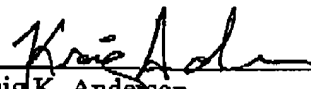
10/824,708

-2-

Pursuant to instructions in the February 29, 2000 O.G., we hereby request that the errors which are identified above be corrected in the captioned application to which this request for correction is directed. It is understood that the Patent Office will issue an automatically-generated, corrected Filing Receipt in this and, if applicable, any other affected applications.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 
Kraig K. Anderson
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Date:

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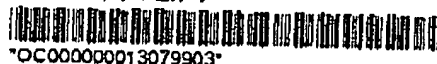
APPL NO	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
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HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
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CONFIRMATION NO. 7244

FILING RECEIPT



0C00000013079903

Date Mailed: 06/28/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

James A. Shayman, Ann Arbor, MI;

Assignment For Published Patent Application

The Regents of the University of Michigan, Ann Arbor, MI;

Domestic Priority data as claimed by applicant

This application is a CON of 10/134,314 04/29/2002 ABN
 which is a CIP of 10/044,869 01/10/2002
 which claims benefit of 60/260,948 01/10/2001
 and claims benefit of 60/262,196 01/17/2001

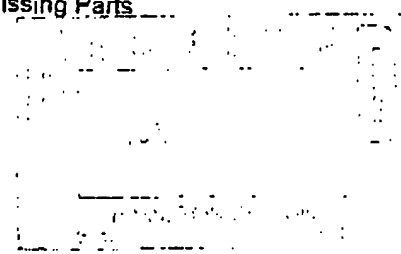
Foreign Applications

If Required, Foreign Filing License Granted: 06/25/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No



Title

Amino ceramide-like compounds and therapeutic methods of use ~~sponsorship~~

Preliminary Class

564

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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-1-

Date: 4-15-04 Express Mail Label No. EV 21495728745

Inventor: James A. Shayman
Attorney's Docket No.: 3646.1001-013

**AMINO CERAMIDE-LIKE COMPOUNDS
AND THERAPEUTIC METHODS OF USE
SPONSORSHIP**

Work on this invention was sponsored in part by National Institutes of Health Grant
5 R01 DK55823. The Government may have certain rights in the invention.

RELATED APPLICATIONS

This application is a continuation of U.S. Application No. 10/134,314, filed April 29,
2002, which is a continuation-in-part application of U.S. Serial No. 10/044,869 filed January
10, 2002, which application claimed priority to U.S. Provisional Application Serial No.
10 60/260,948 filed on January 10, 2001 and 60/262,196 filed on January 17, 2001. The entire
text of each of the aforementioned applications is specifically incorporated herein by reference.

FIELD OF THE INVENTION

The present invention relates generally to ceramide-like compounds and, more
particularly, to prodrugs of ceramide-like compounds that inhibit glucosylceramide formation.

BACKGROUND OF THE INVENTION

15 Hundreds of glycosphingolipids (GSLs) are derived from glucosylceramide (GlcCer),
which is enzymatically formed from ceramide and UDP-glucose. The enzyme involved in
GlcCer formation is UDP-glucose-N-acylsphingosine glucosyltransferase (GlcCer synthase).
The rate of GlcCer formation under physiological conditions may depend on the tissue level of
20 UDP-glucose, which in turn depends on the level of glucose in a particular tissue (Zador, I.Z. *et al.*,
"A Role for Glycosphingolipid Accumulation in the Renal Hypertrophy of Streptozotocin-
Induced Diabetes Mellitus," *J. Clin. Invest.* 91:797-803 (1993)). In vitro assays based on
endogenous ceramide yield lower synthetic rates than mixtures containing added ceramide,
suggesting that tissue levels of ceramide are also normally rate-limiting (Brenkert, A. *et al.*,
25 "Synthesis of Galactosyl Ceramide and Glucosyl Ceramide by Rat Brain: Assay Procedures and
Changes with Age," *Brain Res.* 36:183-193 (1972)).

It has been found that the level of GSLs controls a variety of cell functions, such as
growth, differentiation, adhesion between cells or between cells and matrix